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**Express Mail #EV287633786US**

November 19, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re\ Application of: Anthony Hooley & David H. Pearce

Appln. No.: not assigned                      Group Art Unit: 1773

Filed: filed herewith                      Examiner: C. Paulraj

For: PIEZOELECTRIC DRIVER DEVICE  
WITH INTEGRAL SENSING LAYER

(Atty. Docket No. 23790-A USA)

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR §1.97(b)

Commissioner for Patents  
Mail Stop Patent Application  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants hereby request that the listed information items be considered as part of the examination of the application. A list on Form PTO-1449 is attached hereto.

Pursuant to 37 CFR 1.98(d)(1) and (2), applicants are not required to submit copies of the listed information items, since all information items were cited in corresponding Application No. 09/508,009, filed March 6, 2000, to which the present application is a divisional thereof. Information Item CL is newly listed and corresponds to the parent application,

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Atty. Docket 23690-A USA - 2 -

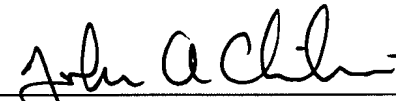
November 19, 2003

which was a U.S. national stage filing based on the PCT application listed.

Respectfully submitted,

SYNNESTVEDT & LECHNER LLP

By



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JAC/dml

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FORM PTO-1449 (Modified)	ATTY. DOCKET NO.	APPLN. NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	23790-A USA APPLICANT	not assigned
(Use several sheets if necessary)	Hooley et al FILING DATE	GROUP
	filed herewith	1773

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAM'R INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS
AA	4,429,068	01/1984	Nakahira	524	302
AB	4,868,447	09/1989	Lee et al	310	328
AC	4,954,327	09/1990	Blount	423	338
AD	5,381,149	01/1995	Dougherty et al	342	1
AE	5,394,786	03/1995	Gettle et al	86	50
AF	5,485,053	01/1996	Baz	310	326
AG	5,526,601	06/1996	Onuma et al	43	17
AH	5,550,338	08/1996	Hielscher	181	290
AI	5,613,188	03/1997	Pieche et al	428	547
AJ	5,655,538	08/1997	Lorraine et al	128	662.03
AK	5,656,195	08/1997	Mielke et al	252	62

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION
						Yes No
AL	0 111 408	06/1984	E.P.O.	H04R	1/28	
AM	WO 97/38351	10/1997	P.C.T.	G02F	1/21	
AN	WO 98/09339	03/1998	P.C.T.	H01L	41/08	
AO	758,631	10/1956	United Kingdom			
AP	2,284,298	05/1995	United Kingdom	H01L	41/09	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	English language Abstract for JP 1-157473
AS	English language Abstract for JP 3-108997
AT	Pierre, A.C.: "Porous Sol-Gel Ceramics", Ceramics International, Vol. 23, No. 3, 1997 (pp. 229-238)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS
	BA	5,784,758	05/1998	Menasco, Jr. et al	381	176
	BB	5,786,059	07/1998	Frank et al	442	68
	BC					
	BD					
	BE					
	BF					
	BG					
	BH					
	BI					
	BJ					
	BK					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION
	BL	19814697	10/1999	Germany	H01L	41/083	Yes No
	BM	4-295286	10/1992	Japan	H02N	2/00	
	BN	4-353463	12/1992	Japan	B41J	2/16	
	BO	5-050606	03/1993	Japan	B41J	2/16	
	BP	5-055659	03/1993	Japan	H01L	41/09	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BR	Hrubesh, L.W. and Poco, J.F.: "Thin Aerogel Films for Optical, Thermal, Acoustic and Electronic Applications", Journal of Non-Crystalline Solids 188 (1995) (pp. 46-53)
	BS	English language Abstract for DE 19814697 (Item BL above)
	BT	English language Abstract for JP 4-295286 (Item BM above)

EXAMINER

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	CA				
	CB				
	CC				
	CD				
	CE				
	CF				
	CG				
	CH				
	CI				
	CJ				
	CK				

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	DOCUMENT NO	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION
						Yes No
	CL WO 99/13681	03/1999	P.C.T.	H01L	41/09	
	CM					
	CN					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CO	English language Abstract for JP 4-353463 (Item BN above)
	CP	English language Abstract for JP 5-050606 (Item BO above)
	CQ	English language Abstract for JP 5-055659 (Item BP above)

EXAMINER	DATE CONSIDERED
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